## **EXHIBIT 23**

Control Number : GOOG-DOJ-03901903

All Custodians : Bashar Kachachi, Brad

Bender, George Levitte, Haskell Garon, Jim Giles, Pooja Kapoor, Sam Cox

Custodian : Brad Bender

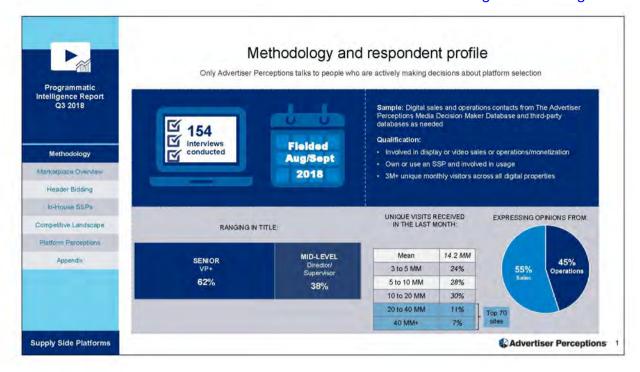
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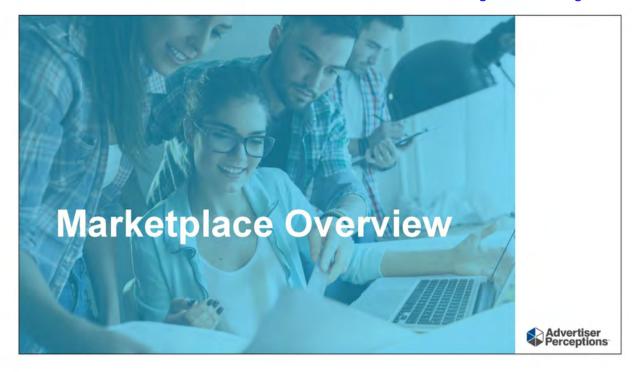
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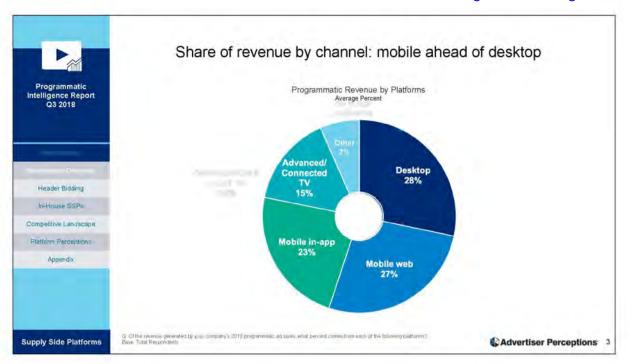
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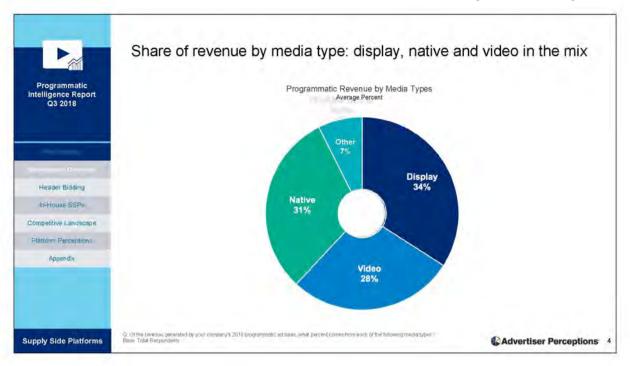


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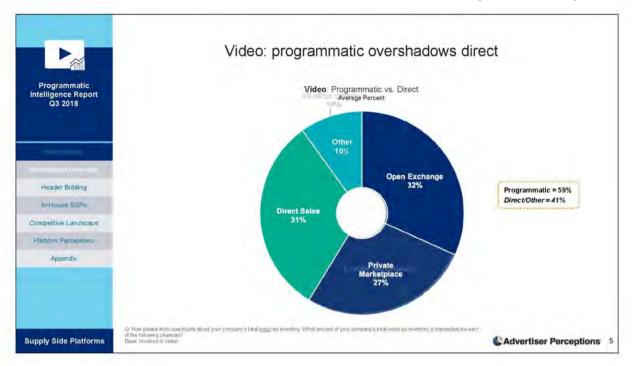




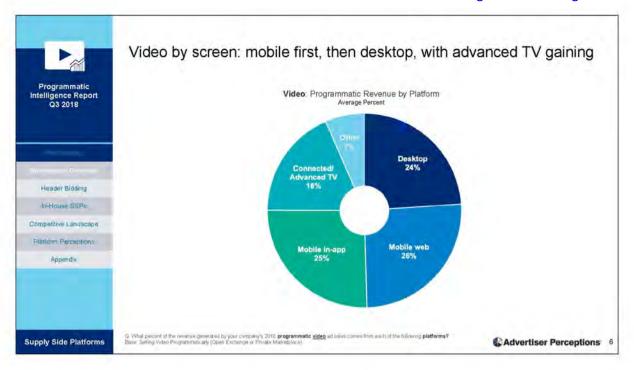
Q10b, Q10c



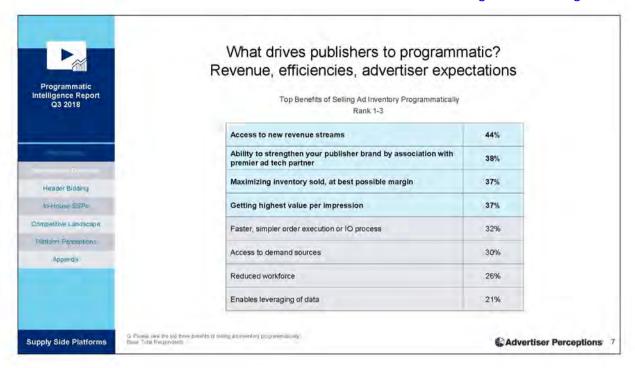
Q10b, Q10c



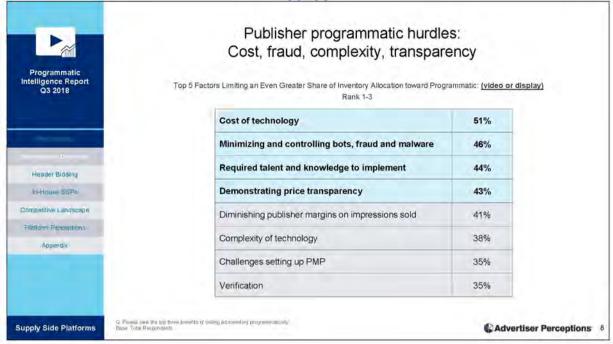
Q11a, Q11b



Q11a, Q11b

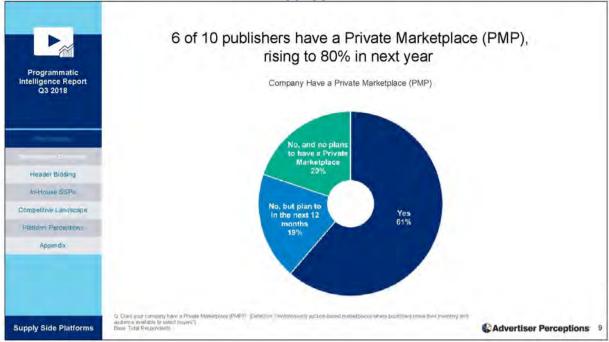


Q15a



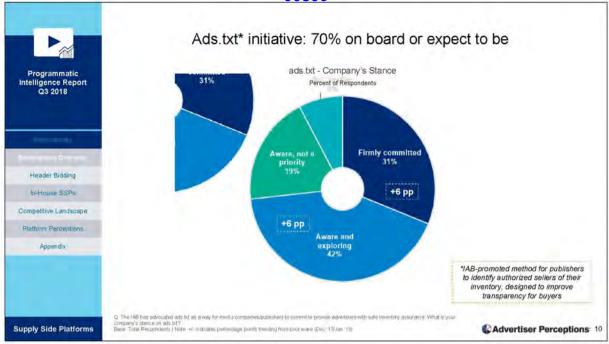
Q15a

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Q16a

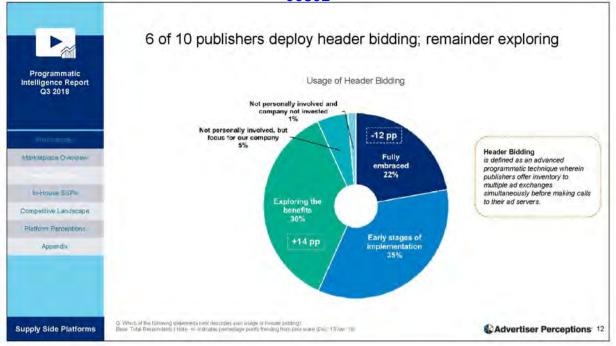
Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 12 of 74 PageID# 90300



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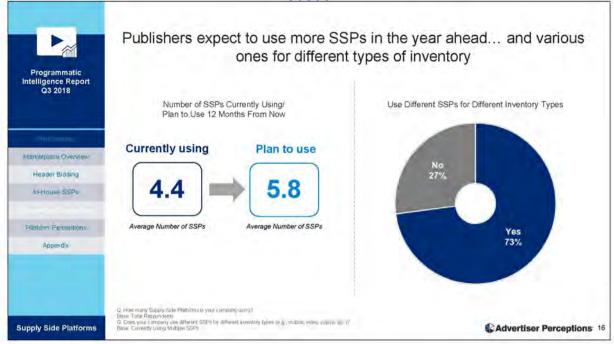
Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 15 of 74 PageID# 90303







Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 18 of 74 PageID# 90306

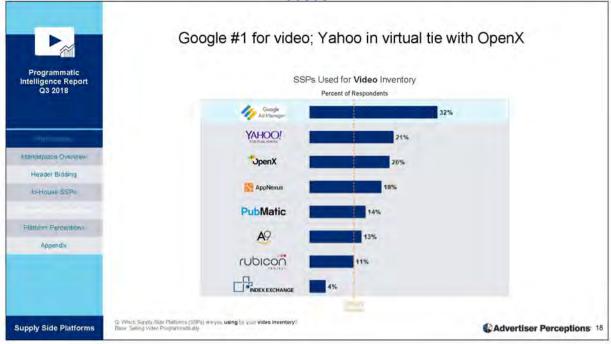


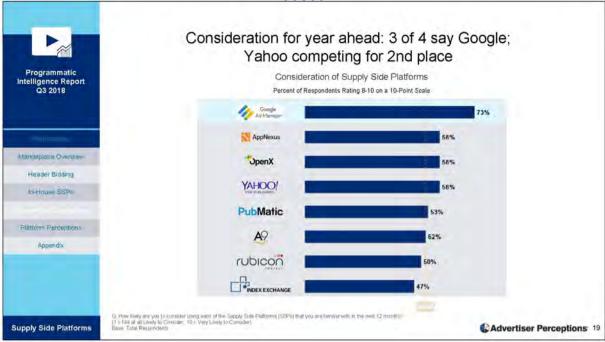
Q50, Q55

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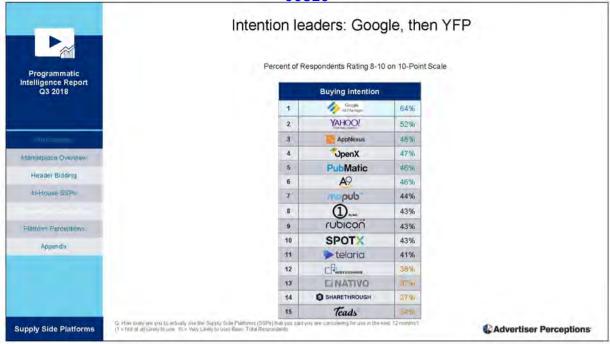


Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 20 of 74 PageID# 90308



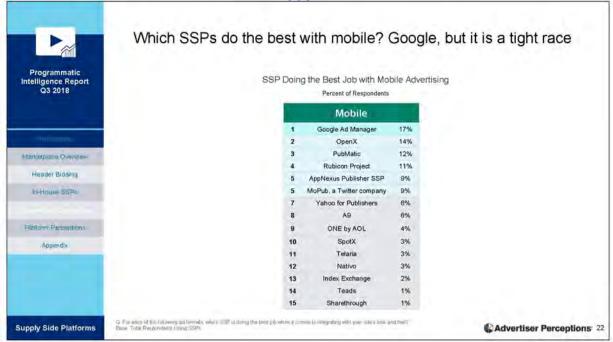


Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 22 of 74 PageID# 90310

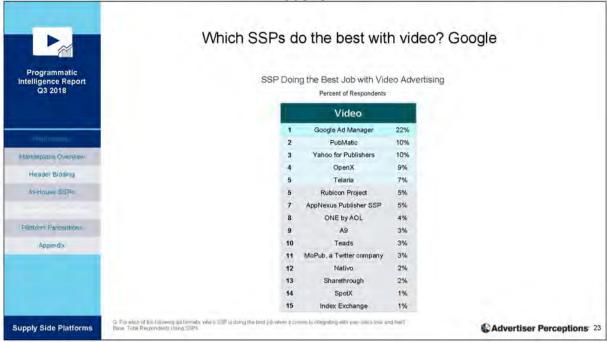




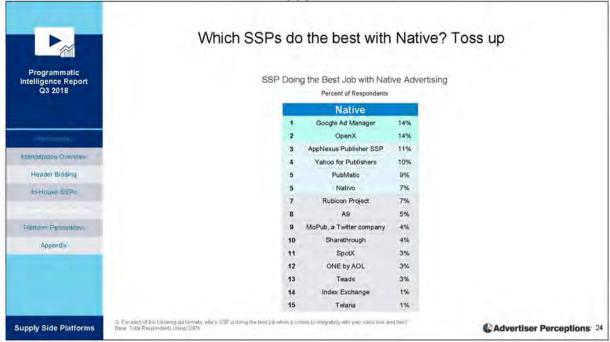
Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 24 of 74 PageID# 90312



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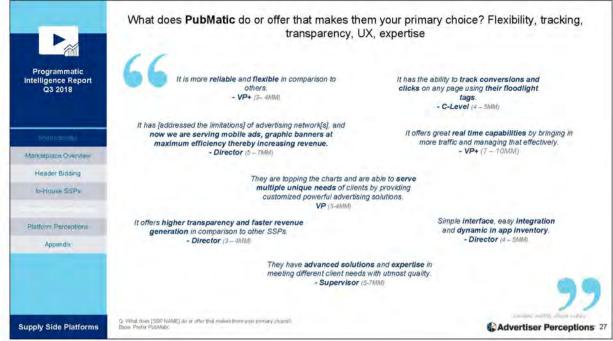


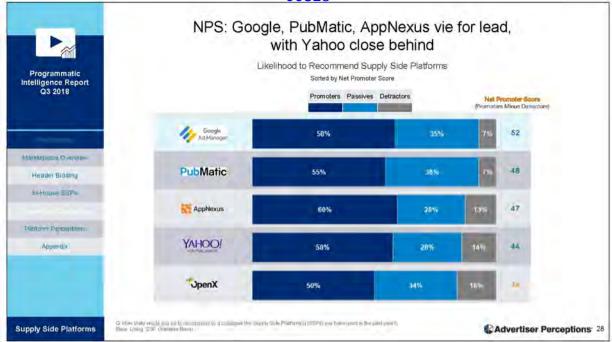


### Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 28 of 74 PageID# 90316



# Case 1:23-cv-00108-LMB-JFA Document 1235-8 Filed 08/23/24 Page 29 of 74 PageID# 90317

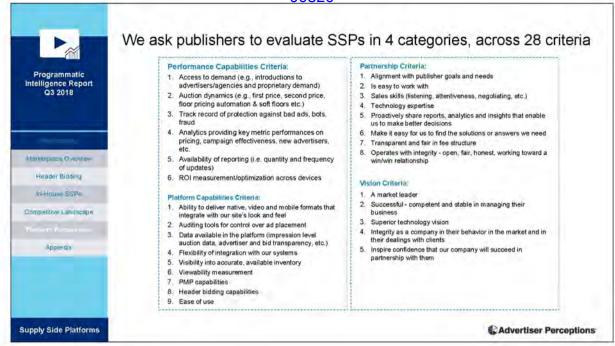


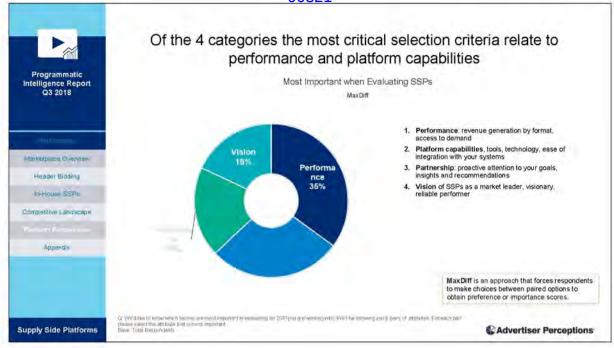


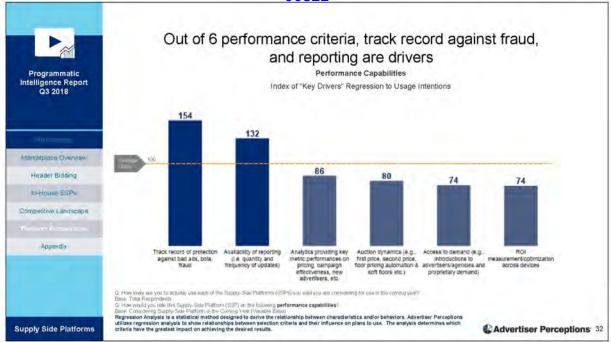
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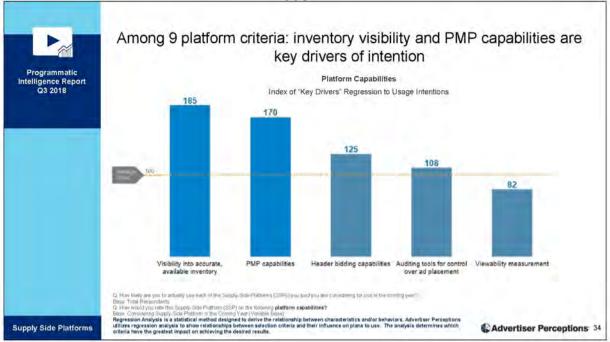


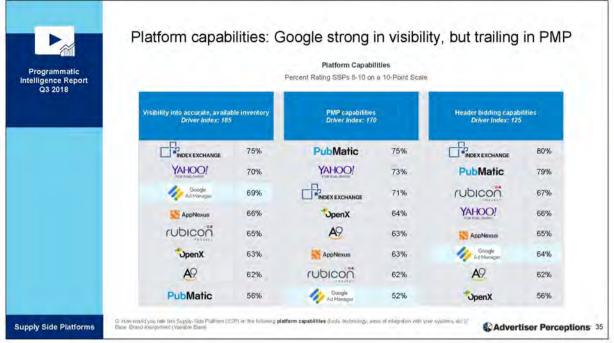


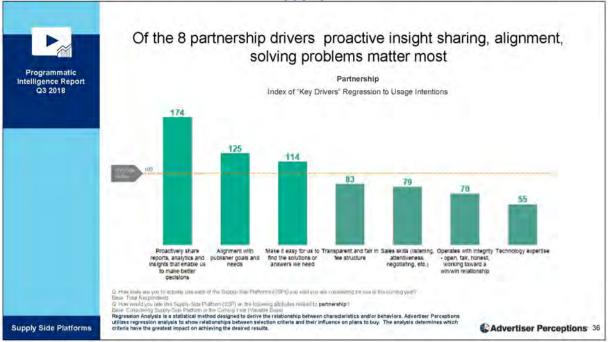


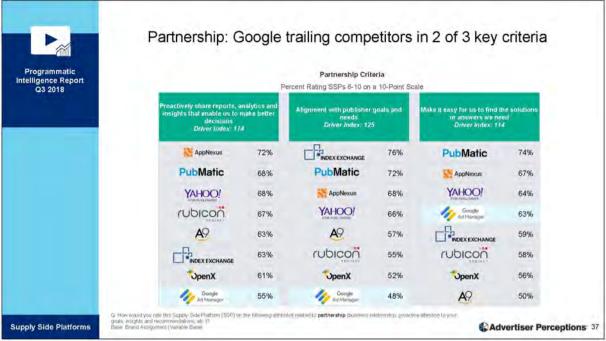


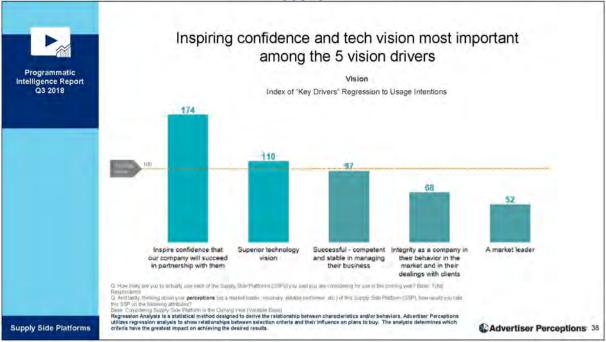
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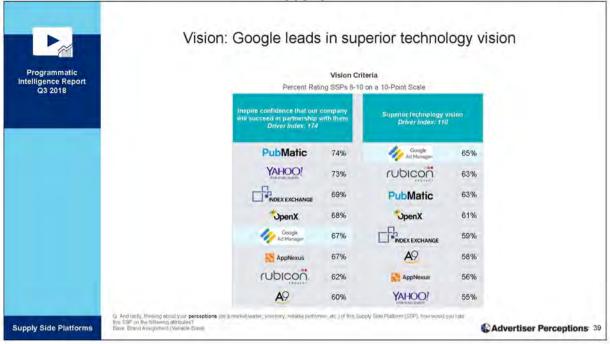






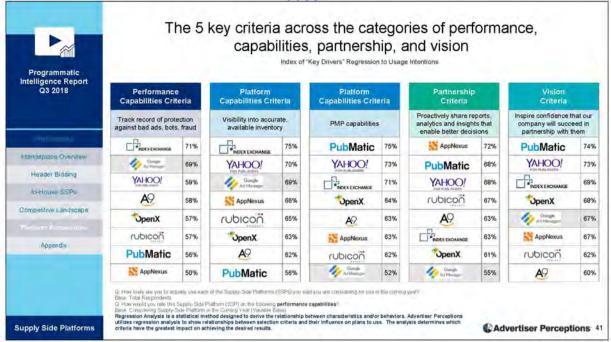




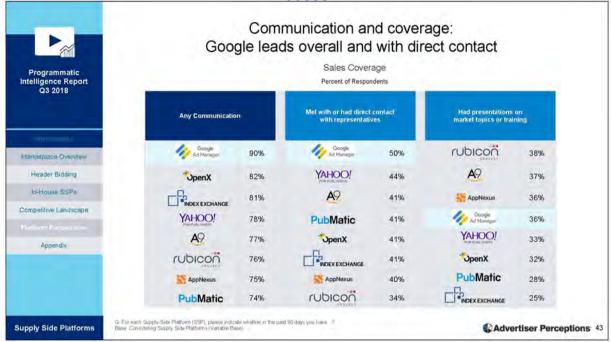


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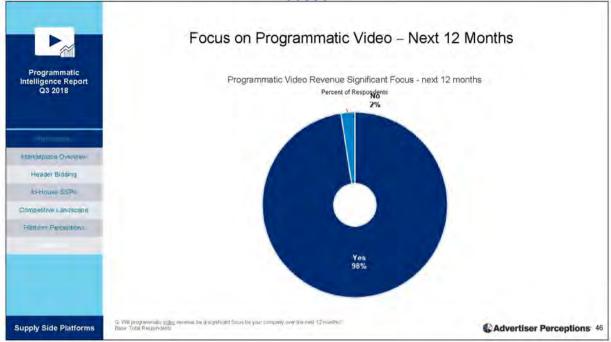
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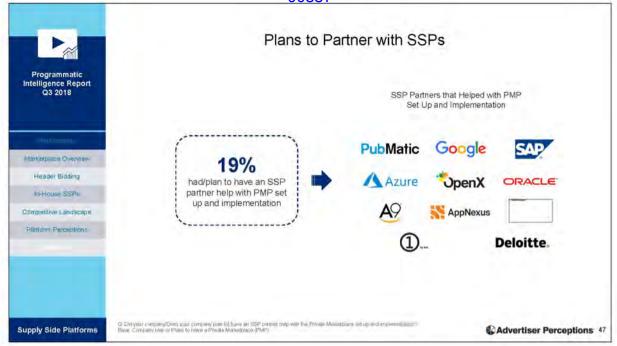


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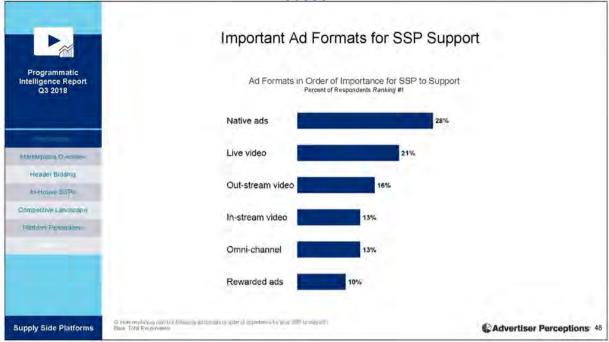
Q11c

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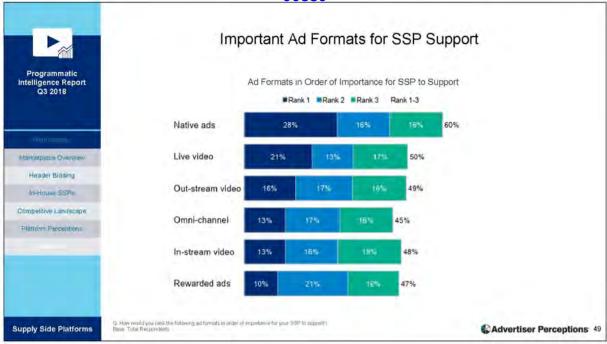


Q16b

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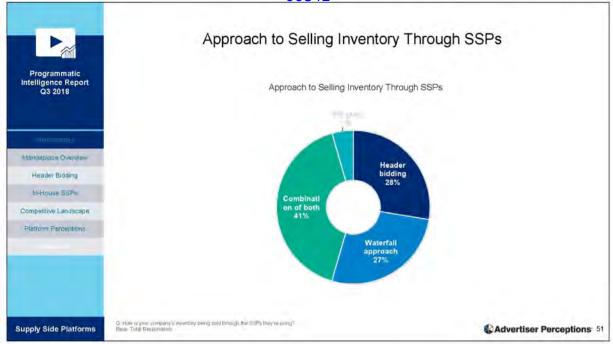


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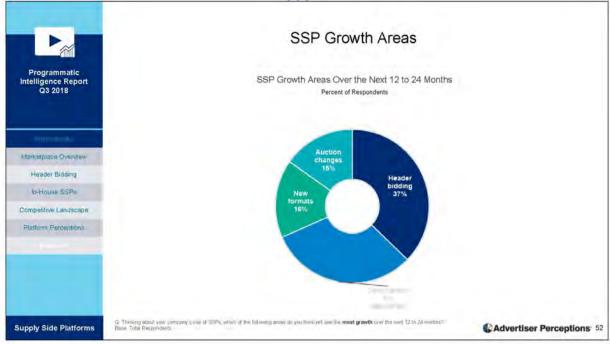


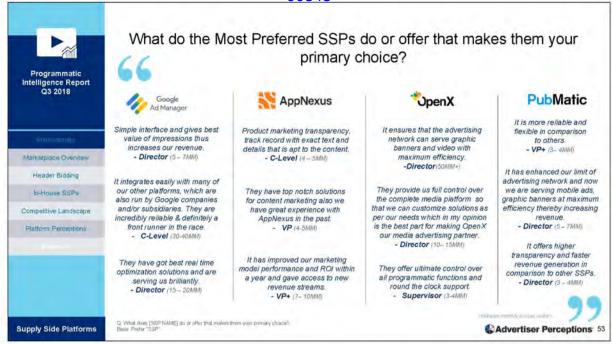


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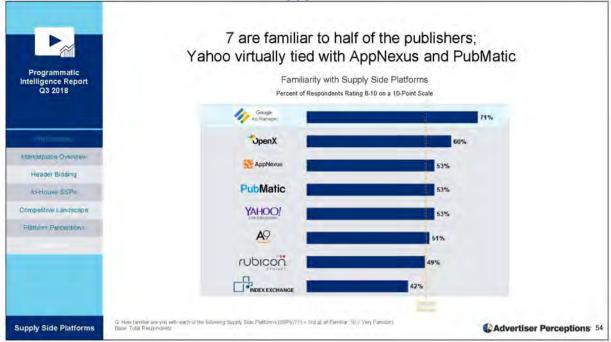


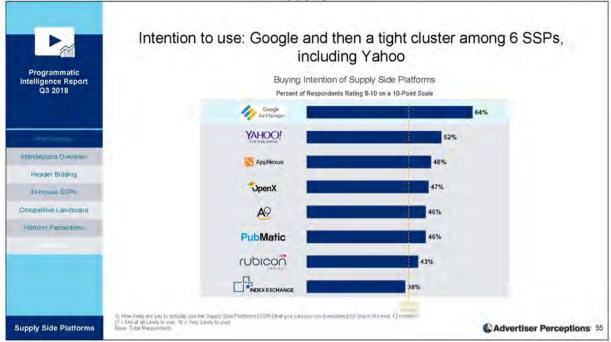
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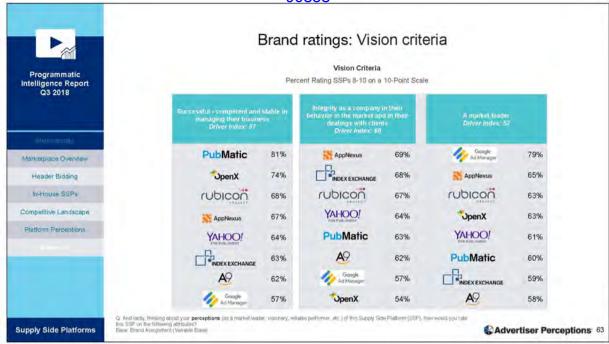




Programmatic Intelligence Report				В	rand	rat	ings:		SSPs 8-10				s crite	ria				
Q3 2018	Visibility into accurate, available PMP capabilities inventory		lities	Header bidding capabilities		Auditing tools for control over ad placement		Viewability measurement		Ability to deliver native video and mobile formats that integrate with our site's look and feel		Data available in the platform		Flexibility of integration with our systems		Ease of u	50	
	Telaria	75%	PubMatic	75%	Index Exchange	80%	Open%	16%	Telana	77%	Yahoo for Publishers	79%	Terana	73%	Index Exchange	75%	A9	78
	Index Exchange	75%	Yahoo for Publishers	73%	PubMatic	79%	Teads	75%	A9	68%	Index Exchange	73%	MoPub	72%	AppNexus	74%	OpenX	73
Marketplace Overview	MoPub	70%	Index Exchange	71%	MoPub	68%	PubMalic	74%	Teads	67%	AppNexus	70%	Spoth	72%	Spock	68%	Google Ad Manager	73
	Yahoo for Publishers	70%	MoPub	70%	Totaria	88%	Rubicon Project	70%	MoPub	66%	Telana	70%	A9	70%	Telaria	68%	PubMatic	7,
Header Bidding	Google Ad Manager	69%	SpotX	70%	Rubicon Project	67%	Apprenus	68%	Yahoo for Publishers	66%	SpotX	68%	PubMabo	67%	Yahoo for	68%	Telana	73
In-House SSPs	AppNexus	66%	OpenX	64%	Yahoo for Publishers	66%	Telaria	68%	Google Ad Manager	65%	PubMatic	88%	AppNexus	67%	Publishers OpenX	68%	AppNexus	71
Competitive Landscape	Rubicon	65%	A9	63%	AppNexus	65%	A9	65%	SpotX	65%	MoPub	67%	Yahoo for Publishers	66%	Teads	67%	MoPub	71
Competitive Landscape	Project	65%	AppNesus	63%	Google Ad	64%	MoPub	65%	ONE by AOL	63%	Rubicon	65%	ONE by AOL	63%	MoPub	67%	SpotX	67
Platform Perceptions	Teads	64%	Telana	83%	Manager	62%	Index	61%	Rubicon	60%	Project OpenX	63%	Teads	82%	PubMetic	65%	Rubicon Project	85
		63%	Teads	82%		58%	Exchange Google Ad	60%	Project PubMatic	59%	Teads	62%	Index Exchange	61%	A9.	65%	ONE by AOL	64
	SpotX		Rubicon		SpotX		Manager		Index				OpenX	61%	Rubicon Project	63%	Yahoo for Publishers	64
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	Sharethrough	56%	Nativo	56%	Sharethrough	49%	ONE by AOL	58%	AppNexus	55%	Sharethrough	53%	Project Sharethrough	53%	ONE by AGL	53%	Exchange	61
	PubMetic	56%	Google Ad Manager	52%	Teads	49%	Yahoo for Publishers	50%	OpenX	54%	Nativo	46%		50%	Google Ad	in.		56
	ONE by ADL	54%	Sharethrough	51%	Nativo	44%	Nativo	39%	Nativo	43%	ONE by AOL	44%	Nativo	50%	Manager	48%	Teads	55

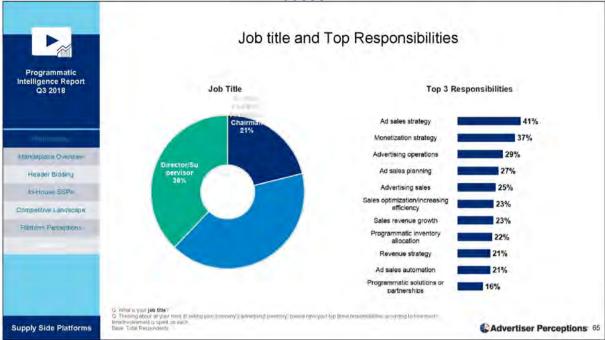


Programmatic Intelligence Report	Brand ratings: Partnership criteria  Index of Percent Rating SSPs 8-10 on a 10-Point Scale															
Q3 2018	Proactively s reports, snalyb insights that en to make bet decisions	Alignment publisher g and need	oals	to find the	ake it easy for us to find the solutions or nswers we need		Transparent and fair in fee structure		Sales skills		yith Y	Technology expertise		Is easy to wo		
	SpotX	74%	Inde). Exchange	76%	PubMatic	74%	MoPub	74%	Index Exchange	59%	Google Ad Manager	71%	PubMatic	7796	Google Ad Manager	769
	Telana	73%	Telana	75%	SpolX	70%	SpotX	67%	AppNexus	69%	Rubicon Project	67%	MoPub	74%	AppNexus	74
Marketplace Overview	AppNewus	72%	SpotX	72%	Teads	69%	Yahoo for Publishers	66%	PubMatic	68%	MoPub	66%	ONE by AOL	73%	A9	70
	PubMebic	68%	PubMatic	72%	AppNexus	67%	Google Ad	65%	MoPub	67%	Yahoo for	64%	OpenX	73%	MoPub	69
Header Bidding	Yahoo for	68%	AppNexus	6896	Yahoo for	64%	Manager OpenX	64%	Telaria	66%	Publishers SpotX	6396	Spot	57%	SpotX	68
In-House SSPs	Publishers Rubicon				Publishers Google Ad		Index.						Sharethrough	67%	Yahoo for Publishers	68
	Project	67%	Teads Vetro to	6796	Mariager	63%	Exchange	64%	Teads	64%	Sharethrough	63%	Index	56%	OpenX	68
Competitive Landscape	Teads	64%	Yahoo for Publishers	66%	MoPub	63%	Rubicon Project	63%	Rubicon Project	63%	OpenX	6396	AppNexus	55%	Telaria	
Platform Perceptions	A9	63%	MoPub	61%	Index Exchange	59%	PubMatic	63%	Yahoo for Fublishers	57%	AppNexus	61%	Rubicon	62%		66
manorini i erseptions	Index Exchange	63%	A9	57%	Telána	59%	AppNexus	59%	Google Ad Manager	57%	Telana	61%	Project		Teads	65
	OpenX.	61%	Sharethrough	58%	Rubicon	56%	Telana	57%	A9	55%	Index	5996	Nativo	59%	Sharethrough	
	MoPub	59%	Rubicon	55%	Project Sharethrough	56%	Sharethrough	56%	SpotX	54%	Exchange PubMatic	56%	Teads	58%	ONE by AOL	64
	ONE by AOL	58%	Project ONE by AOL	54%	OpenX	56%	ASI	55%	ONE DV AOL	53%	Publish	56%	Yatioo for Publishers	57%	Index Exchange	64
	Netivo	56%	Netwo	54%	Nebvo	56%	Nativo	50%	OpenX	52%	A9	55%	Google Ad Manager	57%	PubMatic	63
	Google Ad Manager	55%	OpenX	52%	ONE by AOL	54%	ONE by AOL	49%	Sharethrough	49%	ONE by AOL	54%	A9	57%	Rubicon	62
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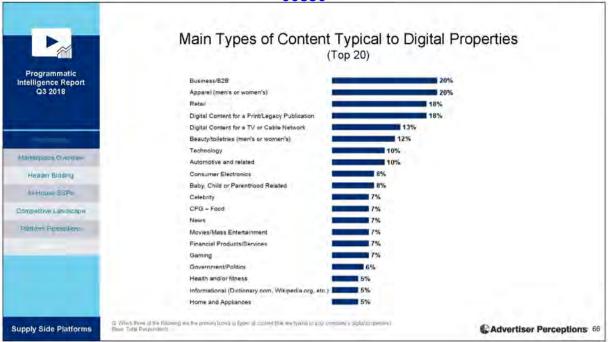


Programmatic ntelligence Report					atings: Vis					
Q3 2018	Inspire confidence to company will succe partnership with i	Superior technolog	y vision	Successful - compet stable in managing business		Integrity as a comp their behavior in the and in their dealing clients	market	A market leader		
	SpotX	75%	SpotX	75%	PubMatic	81%	AppNexus	69%	Google Ad Manager	79%
in the selection	PubMatic	74%	Telaria	71%	OpenX	74%	MoPub	68%	MoPub	68%
Warketplace Overview	Yahoo for Publishers	73%	MoPub	68%	SpotX	74%	SpotX	68%	Telaria	68%
A CONTRACTOR	Telaria	71%	Teads	67%	MoPub	72%	Index Exchange	68%	AppNexus	65%
Header Bidding	Index Exchange	69%	Sharethrough	67%	Teads	69%	Rubicon Project	67%	Rubicon Project	63%
In-House SSPs	MoPub	68%	Google Ad Manager	65%	Rubicon Project	68%	Yahoo for Publishers	64%	OpenX	63%
Season of the section of	Sharethrough	68%	Rubicon Project	63%	AppNexus	67%	PubMatic	63%	Yahoo for Publishers	61%
Competitive Landscape	OpenX	68%	PubMatic	63%	Nativo	65%	ONE by AOL	63%	Sharethrough	60%
Platform Perceptions	Google Ad Manager	67%	OpenX	61%	Yahoo for Publishers	64%	Telaria	63%	PubMatic	60%
	AppNexus	67%	Index Exchange	59%	Index Exchange	63%	A9	62%	Index Exchange	59%
	Rubicon Project	62%	A9	58%	A9	62%	Google Ad Manager	57%	ONE by AOL	59%
	ONE by AOL	61%	AppNexus	56%	Telaria	59%	OpenX	54%	A9	58%
	A9	60%	Yahoo for Publishers	55%	Sharethrough	58%	Teads	53%	Teads	56%
	Teads	60%	ONE by AOL	54%	Google Ad Manager	57%	Sharethrough	51%	Nativo	50%
	Nativo	57%	Nativo	52%	ONE by AOL	54%	Nativo	48%	SpotX	49%

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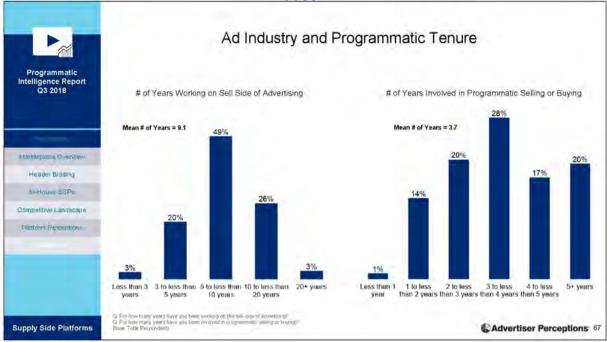


S32, S200b



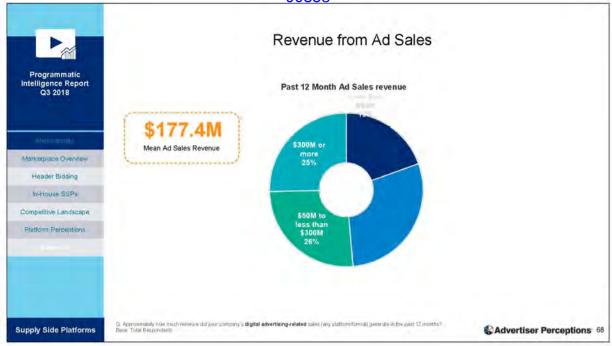
Q220b - Primary Involvement

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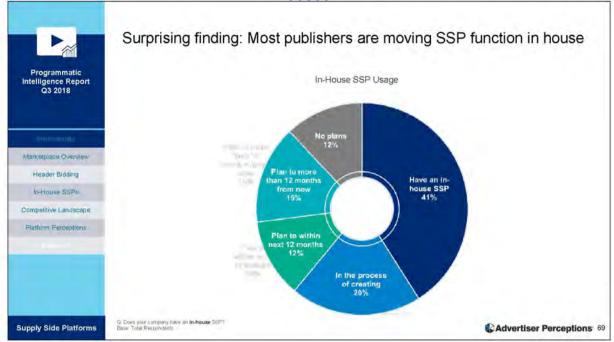


Q240, Q245

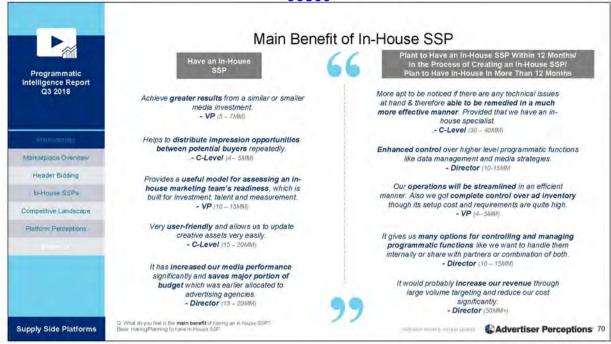
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Q67a



Q67b



Q67c

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